Index of Claims

| Applic | cation/ | Contr | ol No. |
|--------|---------|-------|--------|

10/823,404 Examiner

Mark Kopec

Applicant(s)/Patent under Reexamination

NAGEL, CHRISTOPHER J.

Art Unit

1751

| <b>√</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

|   | A | Appeal   |
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|             |   | Щ        | <u>!                                      </u>   |                                     |          |              | •            |  |  |  |      |  |          |                 |          |          |          |          |          |         |           |          |       | ,          | -               |          | _        |          |                 |           |
|-------------|---|----------|--|-------------------------------------|----------|--------------|--------------|--|--|--|------|--|----------|-----------------|----------|----------|----------|----------|----------|---------|-----------|----------|-------|------------|-----------------|----------|----------|----------|-----------------|-----------|
| Cla         | aim   | Date     |  |                                     |          |              |              | Cla  | aim  |  |      |  | Da       | ate             |          |          |          |          | Cla      | aim     | Date      |          |       |            |                 |          |          |          |                 |           |
| Final       | Original  | 11/22/05 |  |                                     |          | ,            |              |  |  |  |      | Final  | Original |                 |          |          |          |          |          |         |           |          | Final | Original   |                 |          |          |          |                 |           |
| $\vdash$    | 1   | V        |  |                                     | Н        |              |              |  |  |  |      |  | 51       |                 | T        | 十        | $\top$   | 1        | T        | T       |           | l        |       | 101        | $\Box$          | 寸        |          | T        | 十               | T         |
|             | 0   | 1        | $\vdash$   |                                     | П        | _            |              |  |  |  |      |  | 52       | П               | 7        | 寸        | 1        | $\top$   | ┪        |         | П         | Ī        |       | 102        | $\Box$          | 寸        | 寸        | ┪        | 十               | ヿ         |
|             | <u>ම</u>  | П        |  |                                     | П        |              |              |  |  |  |      |  | 53       | П               |          |          |          |          |          |         |           |          |       | 103        |                 |          |          |          |                 | T         |
|             |   | П        |  |                                     |          |              |              |  |  |  |      |  | 54       |                 |          |          |          |          | $\perp$  |         |           |          |       | 104        |                 | $\Box$   |          |          | $\Box$          | $\Box$    |
|             | 52  | Ц        |  |                                     |          |              |              |  |  |  |      |  | 55       |                 |          |          |          |          |          | $\perp$ |           |          |       | 105        |                 |          |          |          |                 |           |
|             | 6   | Ц        | ┖  | _                                   | Ш        |              |              |  |  |  |      |  | 56       |                 | $\dashv$ | _        | _        | _        | 4        |         |           | Ļ        |       | 106        |                 |          | _        |          | Ц.              | $\perp$   |
| <u> </u>    | 0   | Н        | ▙  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |              |              |  | _  |  | l    |  | 57       | $\square$       | $\dashv$ | $\dashv$ | 4        | $\bot$   | 4        |         | 1         |          |       | 107        |                 | _        | _        | _        | _               | 4         |
| <u> </u>    | 8   | 1.)      | ┡  | -                                   | Н        |              |              |  | _  |  |      |  | 58       | Н               | -        | _        | 4        | +        | +        |         | $\vdash$  |          |       | 108        | _               | $\dashv$ | 4        | _        | +               | $\dashv$  |
|             | 9   | Н        | ├  | Ŀ                                   | -        |              | <u> </u>     | _  | $\vdash$   | <u> </u>   |      |  | 59       | -               | -        |          |          | +        | 4        | +       | ╀         |          |       | 109        | $\dashv$        | -1       | -        | $\dashv$ | +               | $\dashv$  |
|             | 11  | H        | ⊢  | $\vdash$                            | Н        | _            |              |  | -  | $\vdash$   |      |  | 60<br>61 |                 | -        | $\dashv$ | +        | +        | +        |         | +         |          |       | 110<br>111 | $\dashv$        | $\dashv$ | -        | $\dashv$ | -+              | $\dashv$  |
|             | 12  | Н        | -  | -                                   | $\vdash$ | _            | H            | H  | $\vdash$   | $\vdash$   | 1    |  | 62       |                 |          | -+       |          | +        | +        | +       | +         |          |       | 112        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +               | $\dashv$  |
|             | 13  | H        | ⊢  | $\vdash$                            | Н        | _            | $\vdash$     | H  | $\vdash$   |  | l    |  | 63       | -               | $\dashv$ | $\dashv$ | +        | +        | +        | +       | ╁         |          |       | 113        |                 | $\dashv$ | $\dashv$ | $\dashv$ | +               | $\dashv$  |
| $\vdash$    | 14  | H        | <del> </del> -                                   | $\vdash$                            | Н        | $\vdash$     | $\vdash$     | -  | <del>                                     </del> | -  | l    |  | 64       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +        | ┿        | +       | +-        |          |       | 114        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$  |
| $\vdash$    | 15  | ╫        | $\vdash$   | $\vdash$                            | $\vdash$ |              | $\vdash$     | -  |  | -  |      |  | 65       | $\vdash$        | -        |          | +        | +        | +        | +       | +         | <u> </u> | -     | 115        | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$        | $\dashv$  |
| -           | 16  | ╁        | $\vdash$   |                                     | Н        |              | -            |  |  | $\vdash$   |      | _  | 66       | $\vdash$        | -        | -        | +        | +        | +        |         | +         | -        |       | 116        | $\vdash$        | $\dashv$ | -        | +        | +               | $\dashv$  |
|             | 17  | H        | $\vdash$   |                                     | Н        |              |              |  | $\vdash$   | $\vdash$   | 1    |  | 67       | Н               | $\dashv$ | $\dashv$ | +        | +        | +        | +       | +         | ŀ        |       | 117        | $\vdash$        | -        | -        | _        | $\dashv$        | ᅥ         |
|             | 18  | H        | ┢  |                                     | Н        |              |              |  | $\vdash$   | $\vdash$   | 1    | <del>                                     </del> | 68       |                 | 1        | _        | $\top$   | 1        | $\top$   | +       | $\dagger$ |          |       | 118        |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$  |
|             | 19  | Ħ        | t  | H                                   | Н        |              | H            |  |  | $\vdash$   | 1    |  | 69       | H               | Ť        | 1        | T        | 1        | +        | +       | †         |          |       | 119        |                 | _        |          |          |                 | $\dashv$  |
|             | 20  | H        | T  |                                     | Н        |              |              |  | $\vdash$   | $\vdash$   | 1    |  | 70       | $\vdash$        |          | _        | 十        | ╅        | $\top$   | $\top$  | $\top$    |          |       | 120        | Н               | 一        | 寸        | 寸        | $\neg \uparrow$ | ┪         |
|             | 21  | Ħ        |  |                                     |          |              |              |  |  | $\vdash$   | ĺ    |  | 71       |                 |          | 十        | 十        | T        | $\top$   | $\top$  | 1         | ı        |       | 121        | H               | ヿ        | 一        |          | $\neg$          | ┪         |
|             | 22  | П        | Т  |                                     |          |              |              |  |  |  | 1    |  | 72       |                 |          |          | T        | 丁        | T        |         |           |          |       | 122        | П               | $\neg$   | $\neg$   | コ        | $\neg$          | ٦         |
|             | 23  | П        |  |                                     |          |              |              |  |  |  |      |  | 73       | П               |          |          | $\top$   | Т        | 1        | _       |           |          |       | 123        | П               | 一        | T        |          | $\neg$          | ٦         |
|             | 24  | 17       |  | Γ                                   |          |              |              |  |  |  | - 7. |  | 74       | П               |          |          | T        | П        | Т        |         |           |          |       | 124        | П               |          |          |          |                 | ٦         |
|             | 25  | П        | Ī  |                                     |          |              |              |  |  |  |      |  | 75       |                 |          |          |          |          | Τ        |         |           |          |       | 125        |                 |          |          |          |                 | П         |
|             | 26  | П        |  |                                     |          |              |              |  |  |  |      |  | 76       |                 |          |          |          |          |          |         |           |          |       | 126        |                 |          |          | $\Box$   |                 |           |
|             | 27  | П        |  |                                     |          |              |              |  |  |  | ] -  |  | 77       |                 |          |          |          | $\perp$  | $\perp$  |         |           | ٠, ٠-    |       | 127        |                 |          |          |          |                 |           |
|             | 28  | Ш        |  |                                     |          |              |              |  |  |  |      |  | 78       |                 |          |          |          |          |          |         |           |          |       | 128        |                 |          |          |          |                 |           |
|             | 29  | Ц        | <u>L</u>   | _                                   |          |              | _            |  | <u> </u>   | L  | 1    |  | 79       |                 |          |          |          |          | ᆚ        |         |           |          |       | 129        | Ш               | $\perp$  |          |          | ightharpoonup   |           |
|             | 30  | Ц        | <u> </u>   |                                     | Щ        |              | L            | <u> </u>   |  | L  |      |  | 80       | Ш               |          |          | _        | $\perp$  | $\perp$  |         |           |          |       | 130        | Ш               |          |          |          |                 |           |
|             | 31  | Ц        | <u> </u>   |                                     |          |              | _            |  |  |  |      |  | 81       | Ш               |          | _        |          | _        | ┵        | _       |           | ļļ       |       | 131        | Ш               | _        | _        |          | _               | _         |
|             | 3   | Ц        | <u> </u>   | _                                   |          |              | L.           | L  |  |  |      |  | 82       | Ш               | _        | _        |          | _        | 4        |         | $\perp$   |          |       | 132        | Ш               | _        | _        | _        | _               | _         |
| L           | (33)  | Ц        | <u> </u>   | <u> </u>                            | Щ        | ļ            |              |  |  | <u> </u>   |      |  | 83       | $\sqcup$        | _        | _        | 4        | _        | _        | - -     | $\perp$   |          |       | 133        | $\sqcup$        |          |          |          | _               | _         |
| -           | (34)<br>(35)                                    | H        | ╄  | <u> </u>                            | Н        | _            | _            | <u> </u>   | _  |  | l    | <u> </u>   | 84       |                 | _        | $\dashv$ |          | +        |          | -       | -         |          |       | 134        | dash            | _        | -        | -        | +               | 4         |
| <u> </u>    | 122   | H        | -  | ⊢                                   | Н        | <u> </u>     | $\vdash$     | $\vdash$   | <del>                                     </del> | ⊢-   | -    | <u> </u>   | 85       |                 |          |          | -+       |          |          | -       | +         |          |       | 135        | $\vdash \vdash$ | -        | $\dashv$ |          | +               | 4         |
| <u> </u>    | (S)   | ₩        | ┼  | ├-                                  | $\vdash$ | <del> </del> | ├            | ├-   | <del> </del>                                     |  | ł    | <u> </u>   | 86       | $\vdash$        |          | -        | +        | +        | - -      |         | +         |          |       | 136        |                 | -+       |          | -        | +               | 4         |
| <b></b>     | 188   | H        | +-   | -                                   | Н        |              | _            | $\vdash$   | <del> </del>                                     | ⊢  |      | <del> </del>                                     | 87       | $\vdash\vdash$  |          | -        |          | +        | +        | +       | +         |          |       | 137        | $\vdash$        | +        | -        | $\dashv$ | $\dashv$        | ᅱ         |
| <u> </u>    | 9   | H        | 1-   |                                     |          | <u> </u>     | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>                                     |      | <del> </del>                                     | 88<br>89 | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +        | +        |         | -         |          |       | 138        | $\vdash$        | -        | $\dashv$ | $\dashv$ | +               | _         |
| <b>-</b>    | <del>                                    </del> | H        | +  | $\vdash$                            | Н        | <u> </u>     | -            | ├-   | -  |  | 1    | <del> </del>                                     | 90       | <del>  </del>   |          | $\dashv$ | +        | +        | +        | +-      | +         |          |       | 139        | $\vdash \vdash$ | -        |          |          | +               | $\dashv$  |
| <del></del> | 40  | ╫        | ╁  | $\vdash$                            | $\vdash$ |              | <del> </del> | $\vdash$   | -  | ├  | 1    | -  | 91       | $\vdash$        | -        | $\dashv$ | +        | +        | +        | +       | +         |          |       | 141        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -+              | $\dashv$  |
|             |   | H        | <del>                                     </del> | $\vdash$                            | Н        | -            | $\vdash$     |  | $\vdash$   | -  | 1    | <del> </del>                                     | 92       | -               | $\dashv$ |          | +        | +        | +        | +       | +         |          |       | 142        | H               | +        | $\dashv$ |          | $\dashv$        | ᅱ         |
| <b>-</b>    | 183   | 7        | *  | 1                                   | Н        | _            | $\vdash$     | ├─   | $\vdash$   | -  | 1    | -  | 93       | $\vdash$        | $\dashv$ | $\dashv$ | +        | +        | +        | +       | +         |          |       | 143        | $\vdash$        | +        | $\dashv$ | $\dashv$ | +               | $\dashv$  |
|             | 44  | ľ        | +  | $\vdash$                            | $\vdash$ | -            |              | ├  | <del>                                     </del> | <del>                                     </del> | 1    | 1  | 94       | ╁               |          | $\dashv$ | +        | +        | +        |         | +         |          |       | 144        |                 | $\dashv$ | $\dashv$ |          | +               | $\dashv$  |
| $\vdash$    | 45  | $\vdash$ | +  | $\vdash$                            | H        |              | 一            | <del>                                     </del> | <del>                                     </del> | -  | 1    | _  | 95       |                 | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | +       | +         |          |       | 145        |                 |          | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$  |
|             | 46  | t        | †  |                                     | H        |              |              | $\vdash$   | $\vdash$   | $\vdash$   | 1    |  | 96       | $\vdash$        | $\dashv$ | $\dashv$ | -†       | +        | +        | +       | $\top$    |          |       | 146        | $\vdash$        | _        | -        |          | $\dashv$        | ㅋ         |
|             | 47  | t        | t  |                                     | Н        |              | 一            | T  |  | $\vdash$   | 1    | $\vdash$   | 97       | $\vdash$        | $\dashv$ | $\dashv$ | 十        | +        | $\dashv$ | +       | $\top$    |          |       | 147        | $\vdash$        | $\dashv$ | -        | $\dashv$ | 十               | $\dashv$  |
|             | 48  | T        | 1  | П                                   | П        | _            | T            | 一  | <u> </u>   | $\vdash$   | 1    |  | 98       | Н               | $\dashv$ | $\dashv$ | 十        | $\dashv$ | $\top$   | +       | +         |          |       | 148        | $\sqcap$        | $\dashv$ | $\dashv$ | 一        | 十               | $\dashv$  |
|             | 49  | T        | Т  | T                                   | П        |              |              | $I^-$  | Г  | Г  |      |  | 99       |                 | _        | _        | +        | $\top$   | $\top$   | +       | $\top$    |          |       | 149        | $\vdash$        | $\dashv$ |          |          | 十               | $\neg$    |
|             | 50  | T        | 1  |                                     | П        |              | Г            |  |  |  | 1    |  | 100      | $\Box$          |          | 寸        | 1        | +        | 7        | $\top$  |           |          |       | 150        | $\Box$          | $\neg$   | $\neg$   | 一        | 十               | $\exists$ |
|             |   | _        | _  |                                     |          |              | •            | _  | •  |  |      |  |          | _               | _        | _        |          |          | _        |         | _         | , ,      | _     |            |                 | _        | _        | _        | _               | _         |